CLAIMS

1. A floatable module for supporting at least one panel and/or an individual, said floatable module comprising

at least one surface, opposing sides and opposing ends; and

integral coupling portions provided on the opposing ends and/or opposing sides to facilitate coupling with the integral coupling portion of another similar said floatable module;

wherein the at least one surface comprises a corrugated portion, the corrugated portion having a plurality of ridges, the corrugated portion providing structural strength to the floatable module, and

wherein the corrugated portion comprises a panel support receiving portion for mounting of at least one panel support onto the floatable module.

2. The floatable module according to claim 1, wherein the corrugated portion comprises a first section, wherein each of the plurality of ridges in the first section has a first predetermined width.

3. The floatable module according to claim 2, wherein the corrugated portion comprises a second section, wherein each of the plurality of ridges in the second section has a second predetermined width.

4. The floatable module according to claim 3, wherein the second section is disposed around the centre or mid portion of the floatable module, and wherein the second predetermined width is larger than the first predetermined width.

5. The floatable module according to any one of claims 2 to 4, wherein the first predetermined width is between 0.01 to 0.03 metres (m).

6. The floatable module according to any one of claims 3 to 5, wherein the second predetermined width is between 0.035 m to 0.06 m.

7. The floatable module according to any one of the preceding claims, wherein the corrugated portion comprises a third section wherein each of the plurality of ridges in the third section has a third predetermined width.

8. The floatable module according to claim 7, wherein the third predetermined width is between 0.015 m to 0.035 m.

9. The floatable module according to any one of the preceding claims, wherein at least one of the plurality of ridges is formed at an angle with respect to another one of the plurality of ridges to facilitate drainage of liquid.

10. The floatable module according to any one of the preceding claims, wherein the panel support receiving portion is in the form of one or more embedded nuts shaped and dimensioned to receive bolts for mounting the at least one panel support.

11. The floatable module according to claim 10, wherein the at least one panel support comprises a protruding flange shaped and dimensioned to be inserted into at least two of the plurality of ridges.

12. The floatable module according to claim 11, wherein the at least one panel support comprises a spine portion adapted to tilt the panel at an angle with respect to the surface of the floatable module.

13. The floatable module according to claim 1, wherein the coupling portions comprises at least one male connector and at least one female connector.

14. The floatable module according to claim 1, wherein the floatable module is shaped as a rectangular cuboid.

15. The floatable module according to claim 14, wherein the coupling portions comprises a plurality of connectors, and wherein at least one of the connectors is configured to protrude from a middle portion of the floatable module.

16. The floatable module according to claim 1, further comprises another corrugated portion disposed on another surface of the floatable module.

17. The floatable module according to claim 16, wherein the another surface is a surface submerged in a water body in operation.

18. The floatable module according to claim 1, wherein the at least one panel is a solar panel.

19. A floatable system comprising

a plurality of floatable modules as claimed in any one of the preceding claims coupled to one another.

20. The floatable system according to claim 19, wherein the plurality of floatable modules are arranged to form an array.

21. The floatable system according to claim 20, wherein the array comprises a perimeter portion adapted to function as walkways, and a central portion for supporting multiple panels.